

Fig.1

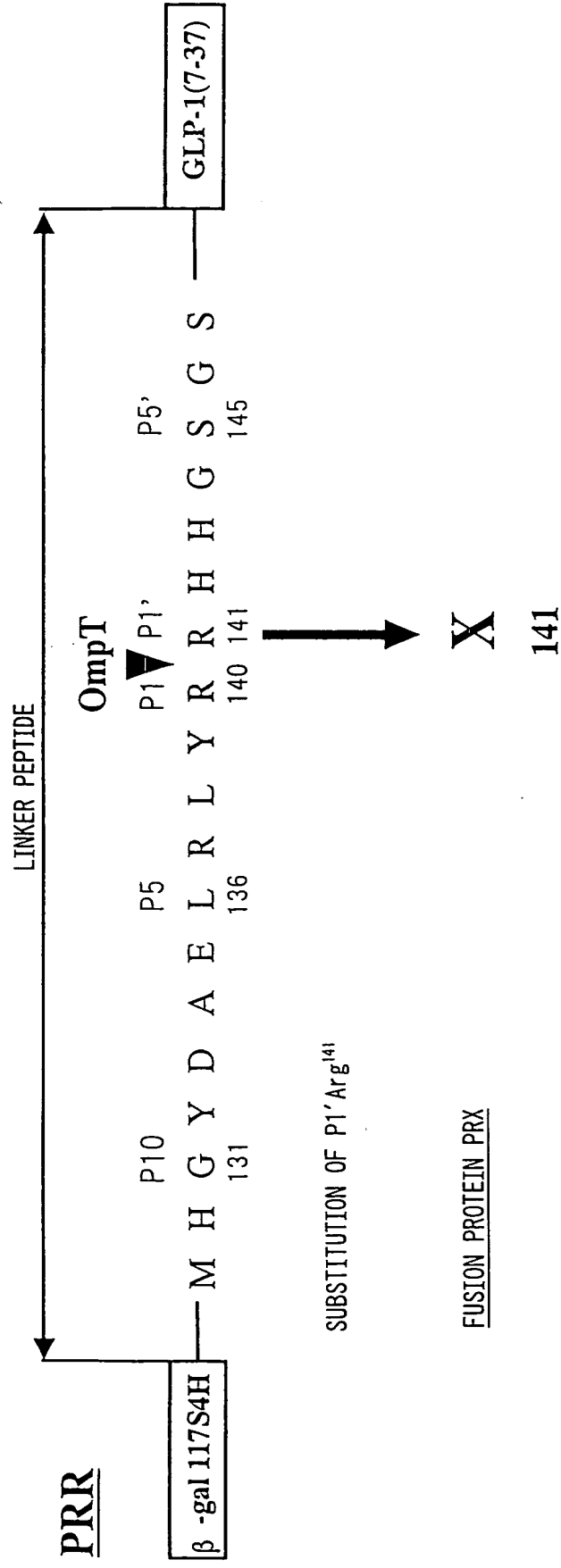
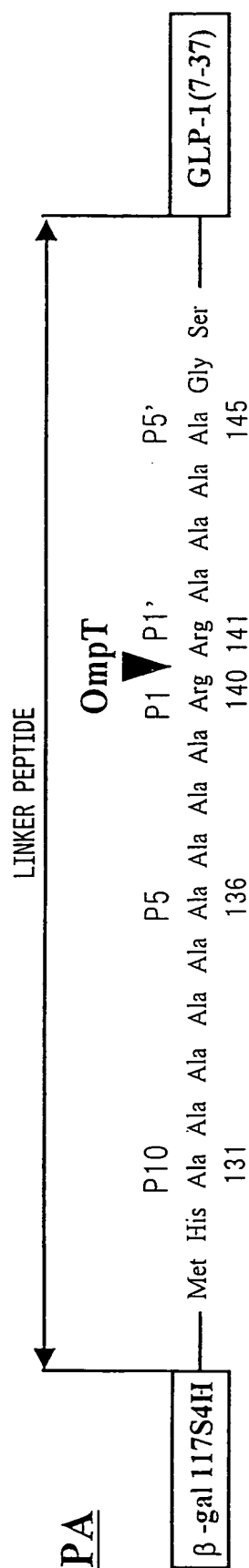
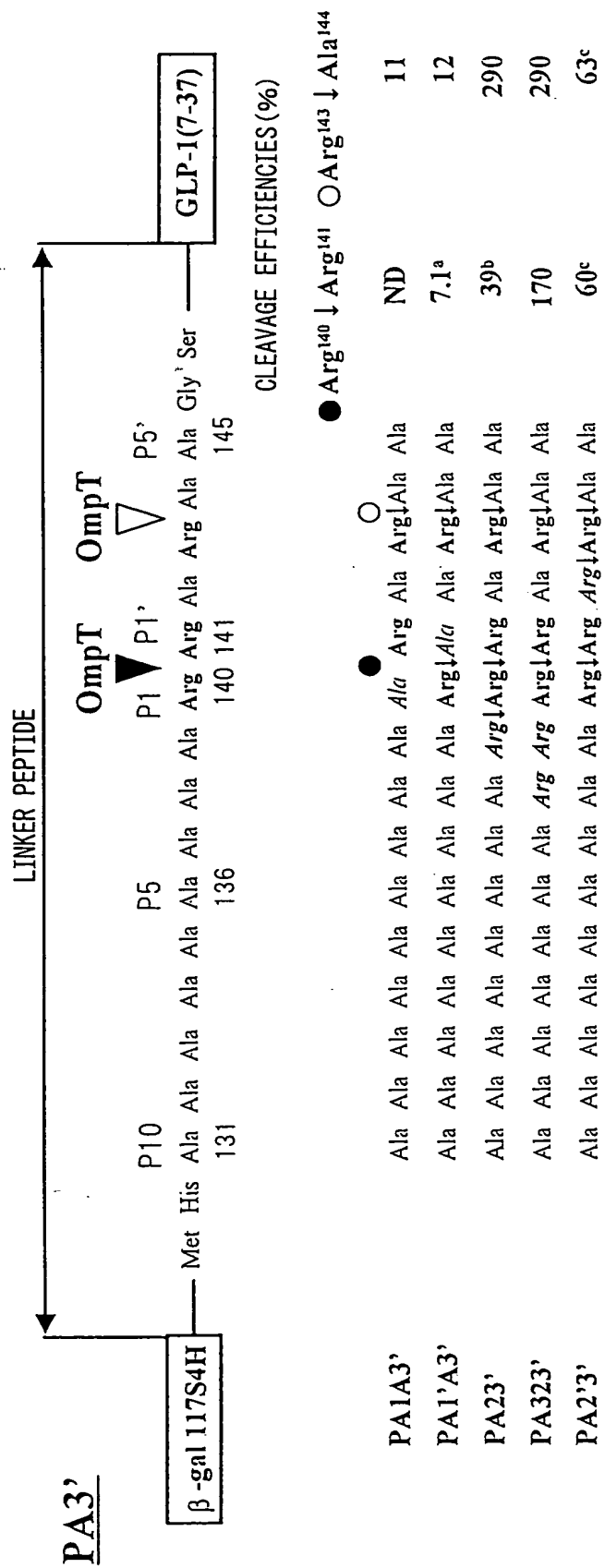


Fig. 2



CLEAVAGE EFFICIENCIES AT  $\text{Arg}^{140} \rightarrow \text{Arg}^{141}$  (%)

<b>PA2</b>	Ala	Ala	Ala	Ala	Ala	Ala	Ala	<i>Arg</i> ↑	<i>Arg</i> ↑	<i>Arg</i>	Ala	Ala	Ala	Ala	Ala	33 <sup>a</sup>
<b>PA3</b>	Ala	Ala	Ala	Ala	Ala	Ala	Ala	<i>Arg</i>	Ala	<i>Arg</i> ↑	<i>Arg</i>	Ala	Ala	Ala	Ala	380
<b>PA4</b>	Ala	Ala	Ala	Ala	Ala	Ala	<i>Arg</i>	Ala	Ala	<i>Arg</i> ↑	<i>Arg</i>	Ala	Ala	Ala	Ala	480
<b>PA5</b>	Ala	Ala	Ala	Ala	Ala	<i>Arg</i>	Ala	Ala	Ala	<i>Arg</i> ↑	<i>Arg</i>	Ala	Ala	Ala	Ala	260
<b>PA6</b>	Ala	Ala	Ala	Ala	<i>Arg</i>	Ala	Ala	Ala	Ala	<i>Arg</i> ↑	<i>Arg</i>	Ala	Ala	Ala	Ala	360
<b>PA7</b>	Ala	Ala	Ala	<i>Arg</i>	Ala	Ala	Ala	Ala	Ala	<i>Arg</i> ↑	<i>Arg</i>	Ala	Ala	Ala	Ala	310
<b>PA8</b>	Ala	Ala	<i>Arg</i>	Ala	Ala	Ala	Ala	Ala	Ala	<i>Arg</i> ↑	<i>Arg</i>	Ala	Ala	Ala	Ala	240
<b>PA9</b>	Ala	<i>Arg</i>	Ala	Ala	Ala	Ala	Ala	Ala	Ala	<i>Arg</i> ↑	<i>Arg</i>	Ala	Ala	Ala	Ala	450
<b>PA10</b>	<i>Arg</i>	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Ala	<i>Arg</i> ↑	<i>Arg</i>	Ala	Ala	Ala	Ala	330
<b>PA2'</b>	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Ala	<i>Arg</i> ↑	<i>Arg</i> ↑	<i>Arg</i>	Ala	Ala	Ala	29 <sup>b</sup>
<b>PA3'</b>	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Ala	<i>Arg</i> ↑	<i>Arg</i>	Ala	<i>Arg</i> ↑	Ala	Ala	290 <sup>c</sup>
<b>PA4'</b>	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Ala	<i>Arg</i> ↑	<i>Arg</i>	Ala	Ala	<i>Arg</i>	Ala	240
<b>PA5'</b>	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Ala	Ala	<i>Arg</i> ↑	<i>Arg</i>	Ala	Ala	Ala	<i>Arg</i>	220

$$\frac{3}{17}$$


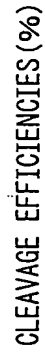
$$\frac{4}{17}$$


Fig.5

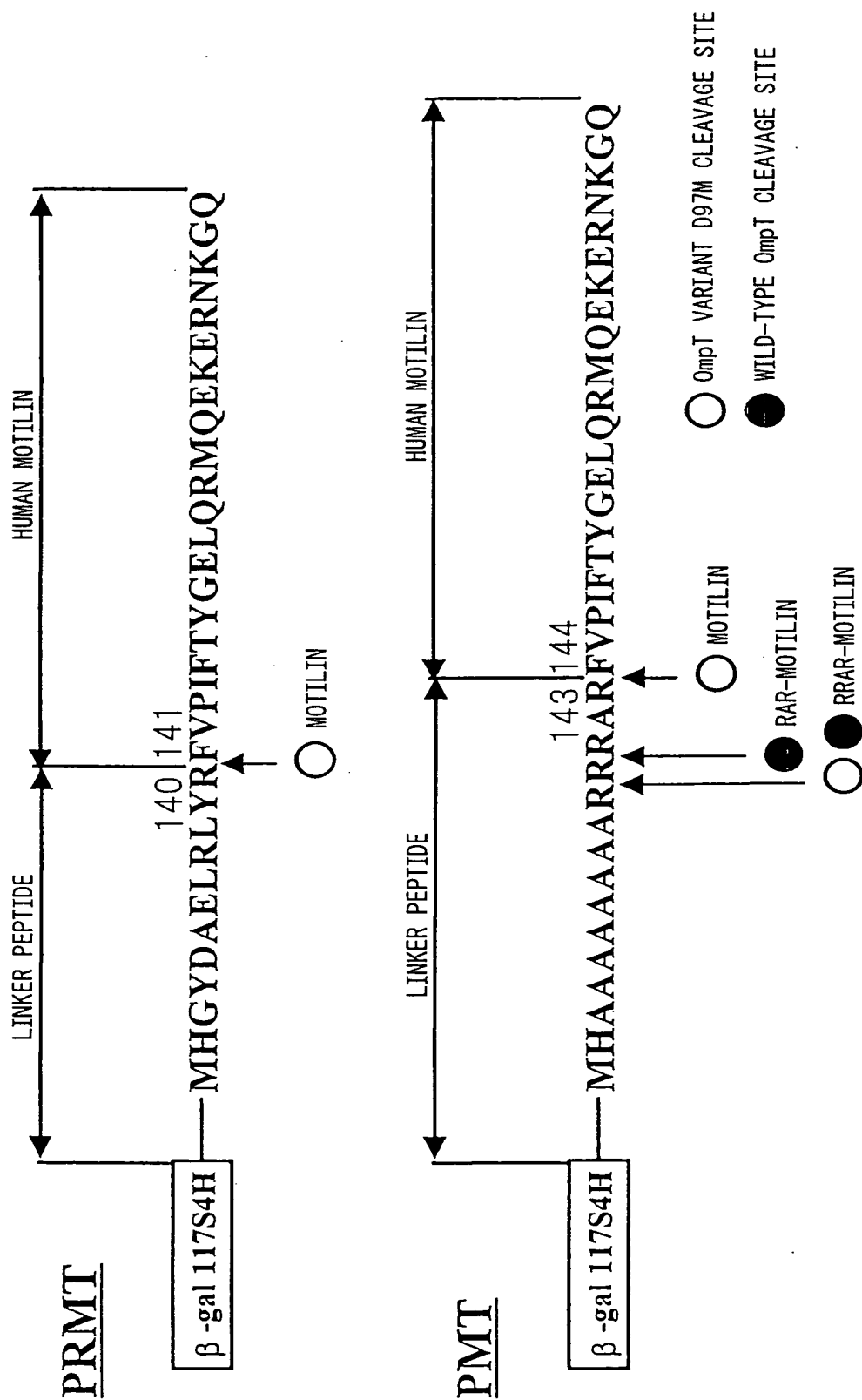
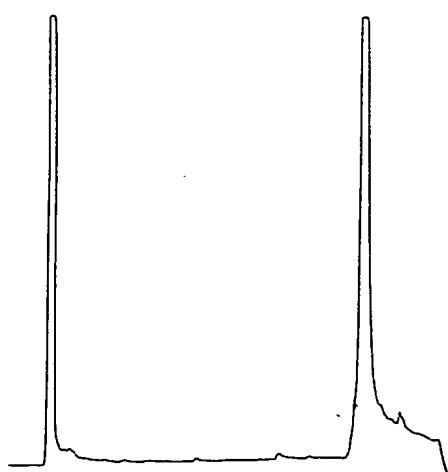
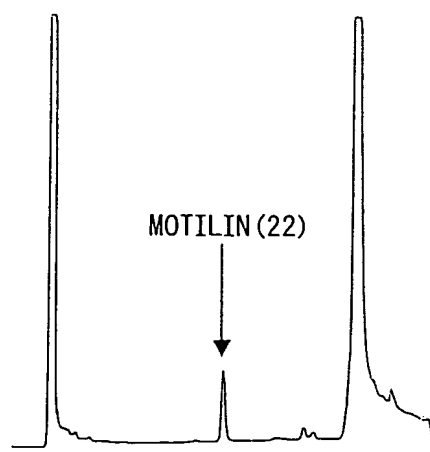


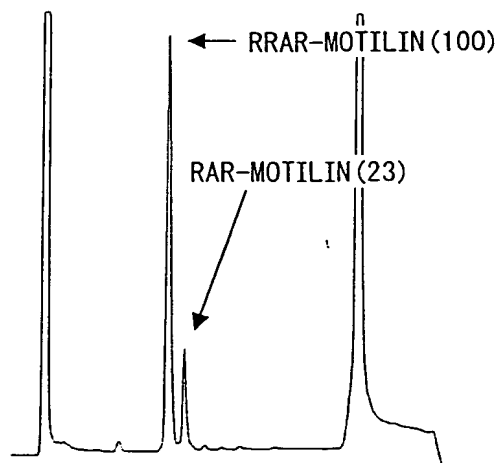
Fig.6



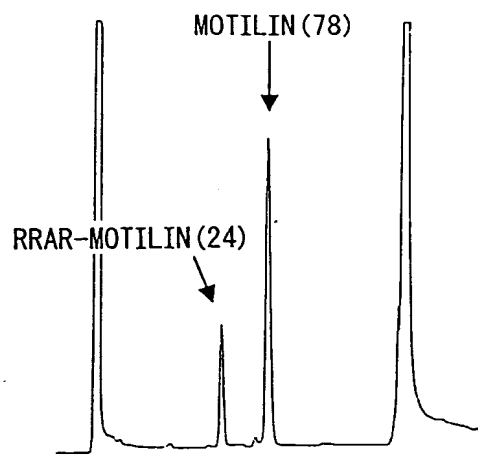
PRMT  
WILD-TYPE



PRMT  
D97M



PMT  
WILD-TYPE



PMT  
D97M

Fig.7

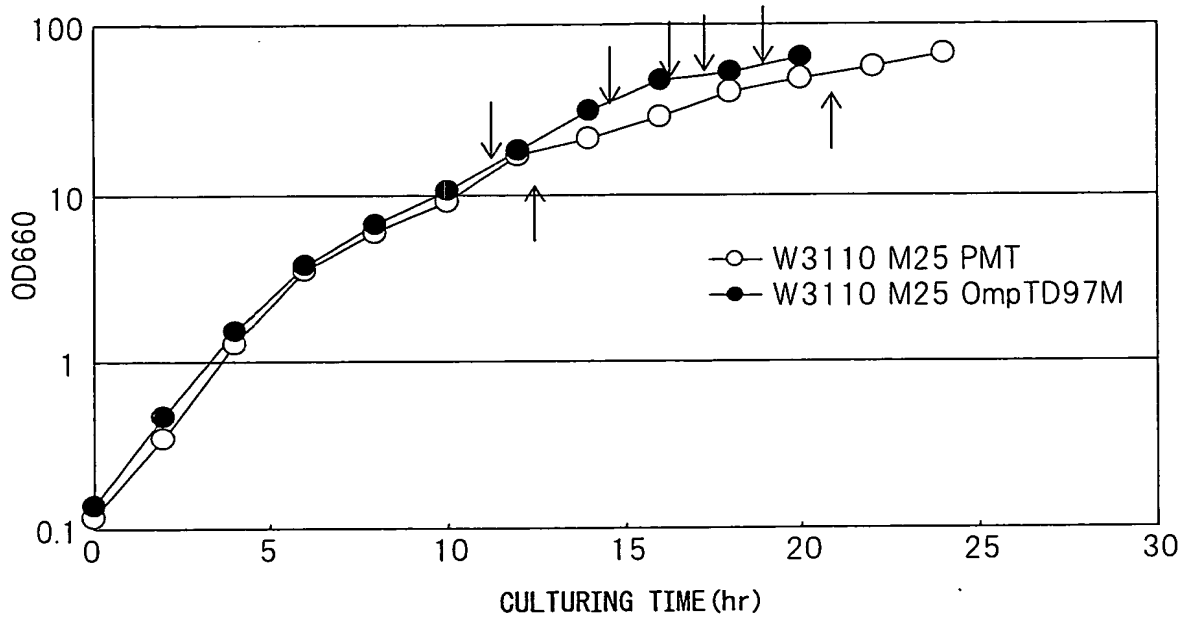


Fig.8

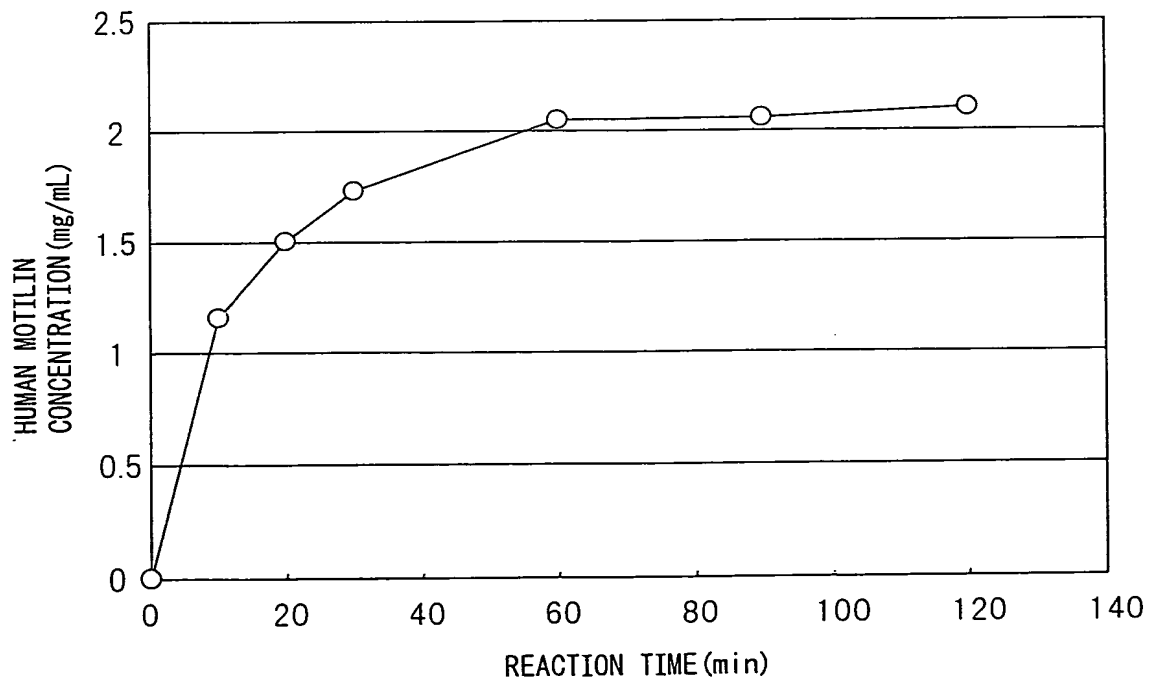


Fig. 9

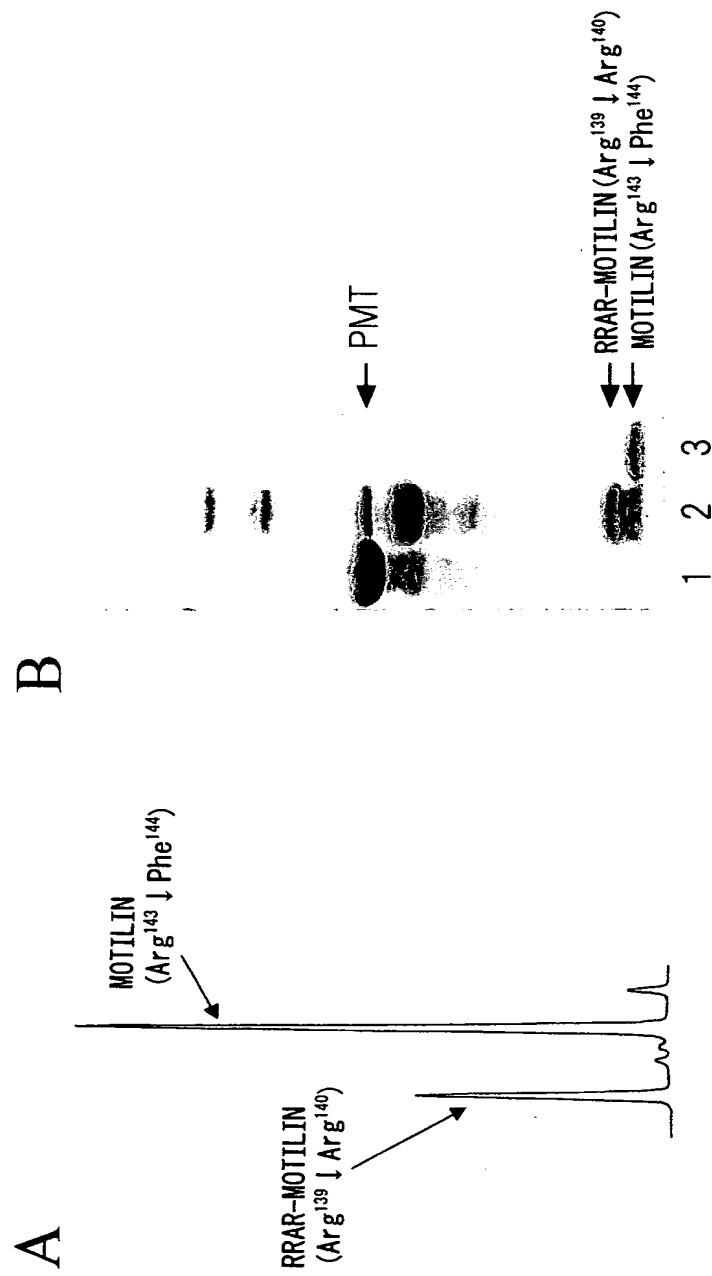




Fig.10

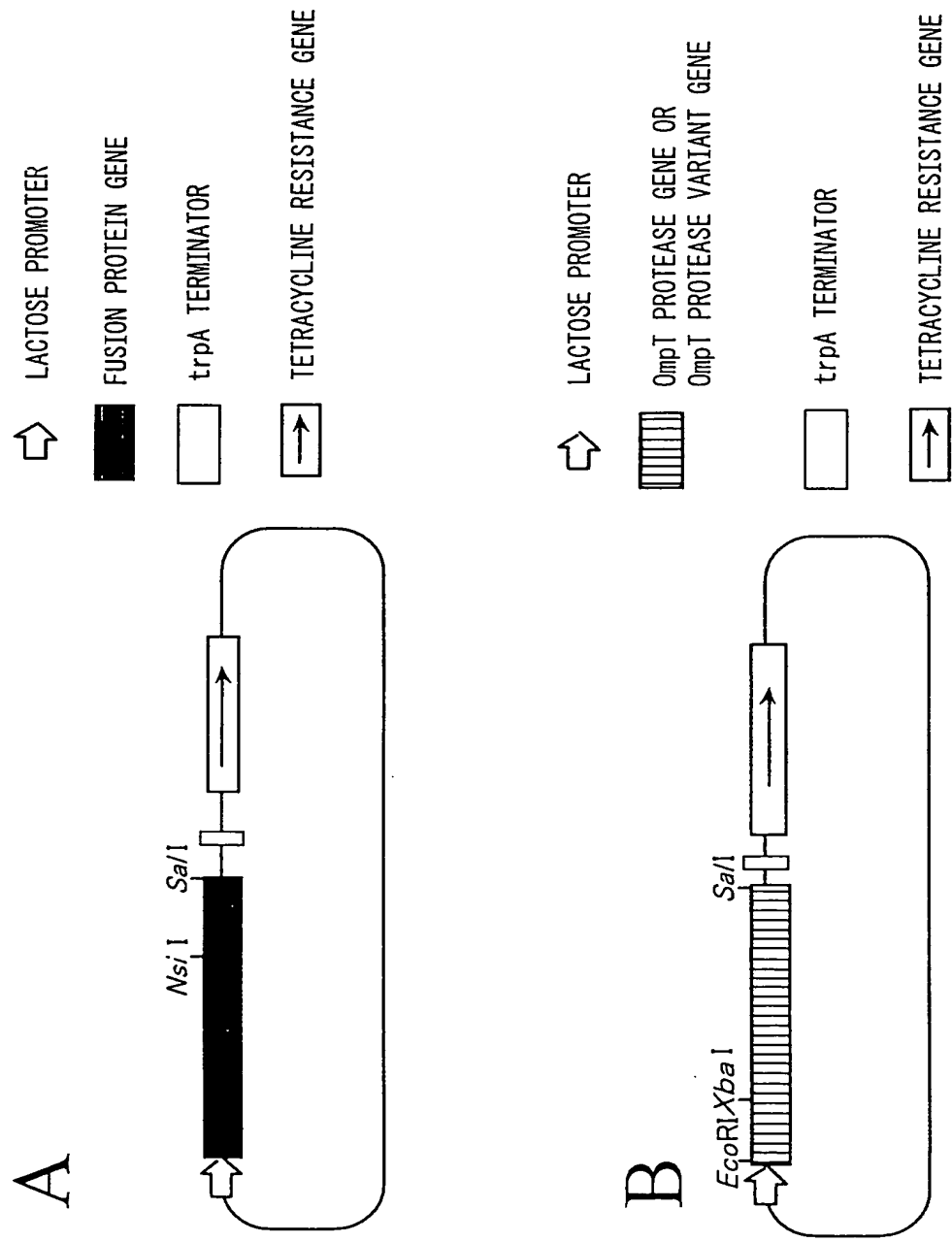


Fig.11

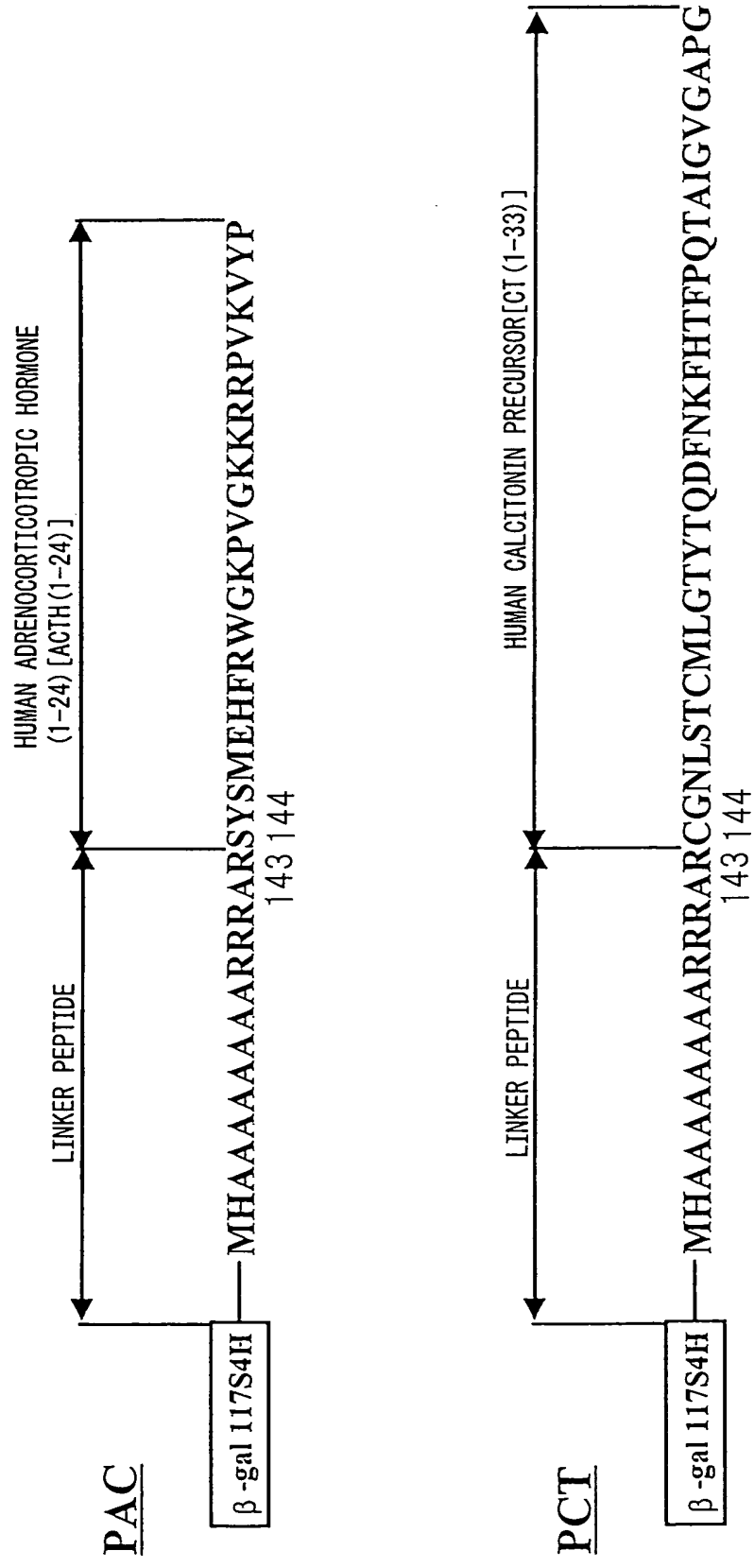


Fig.12

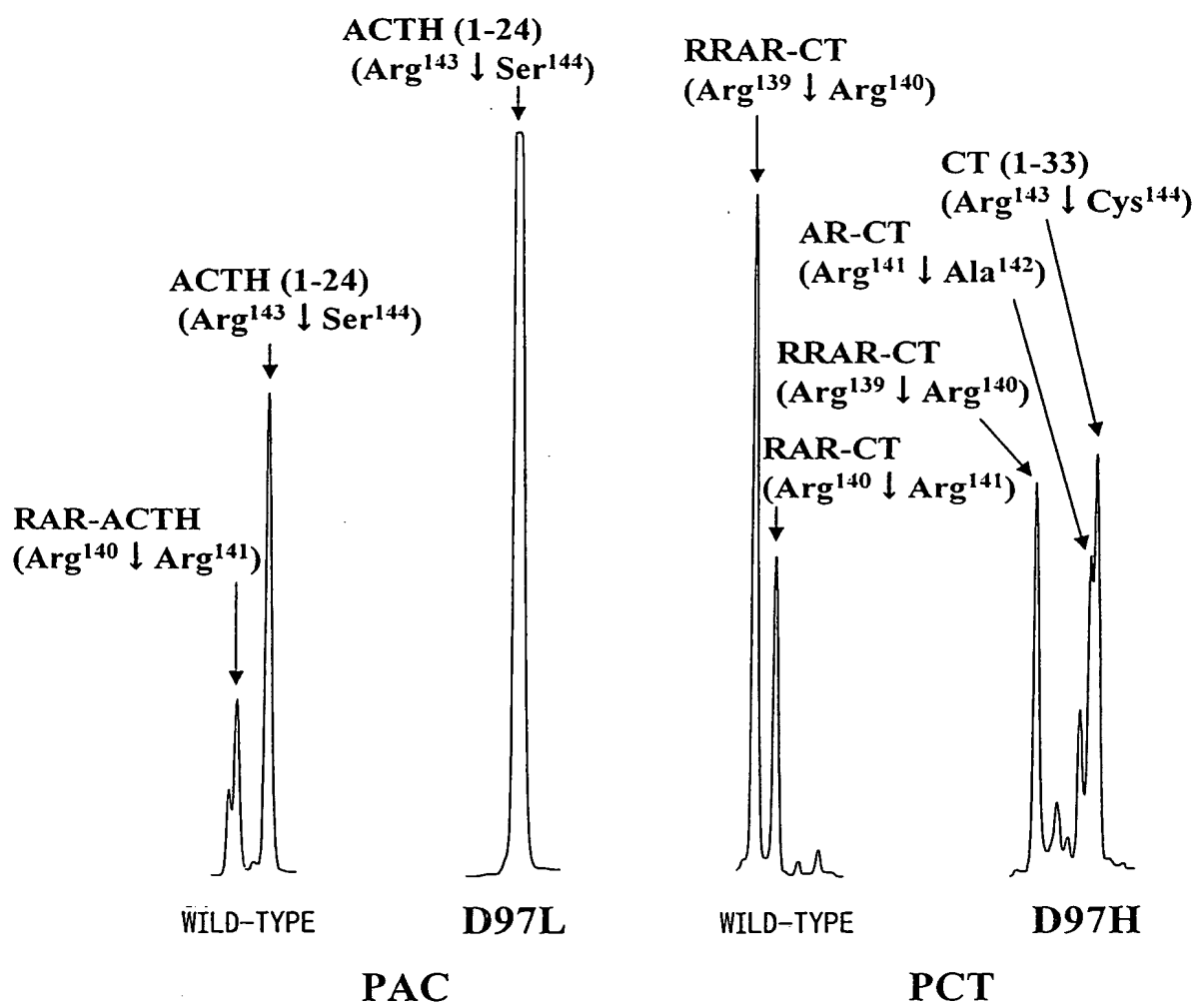


Fig.13

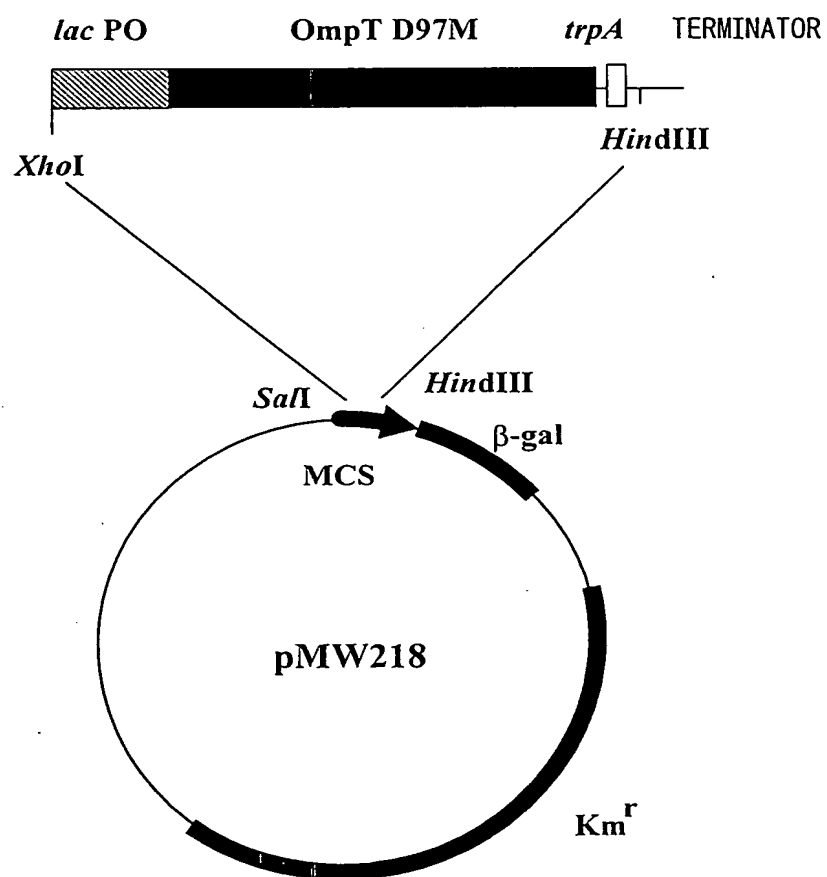


Fig.14

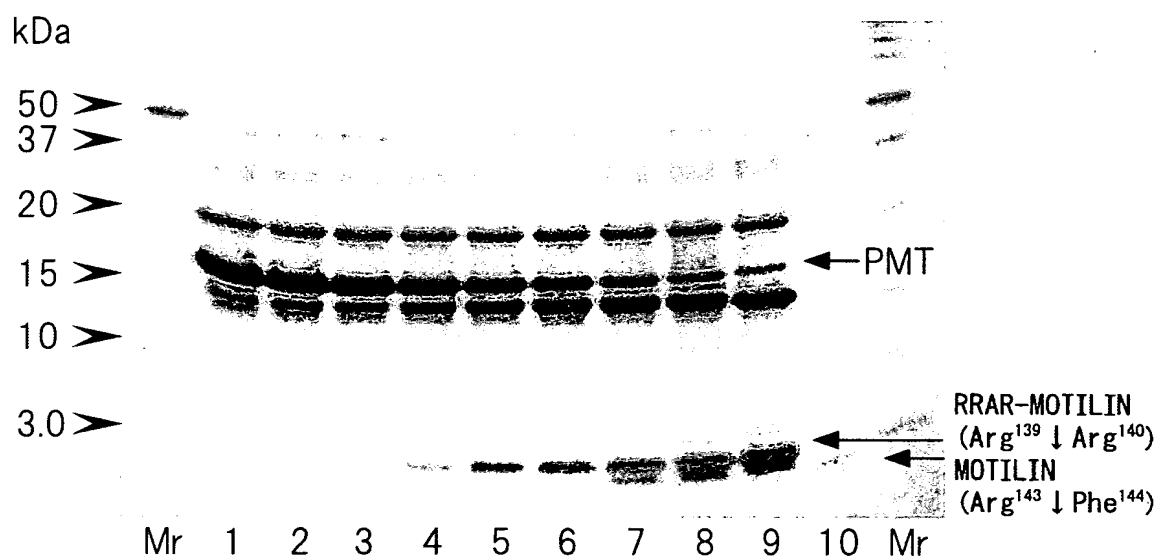


Fig.15

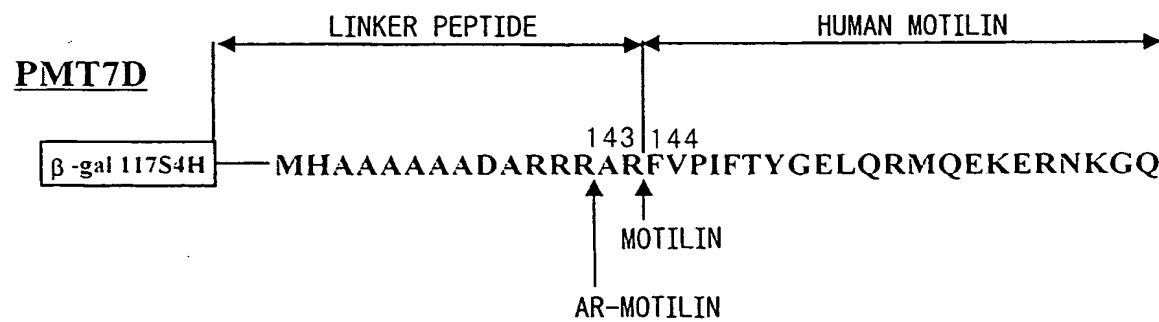
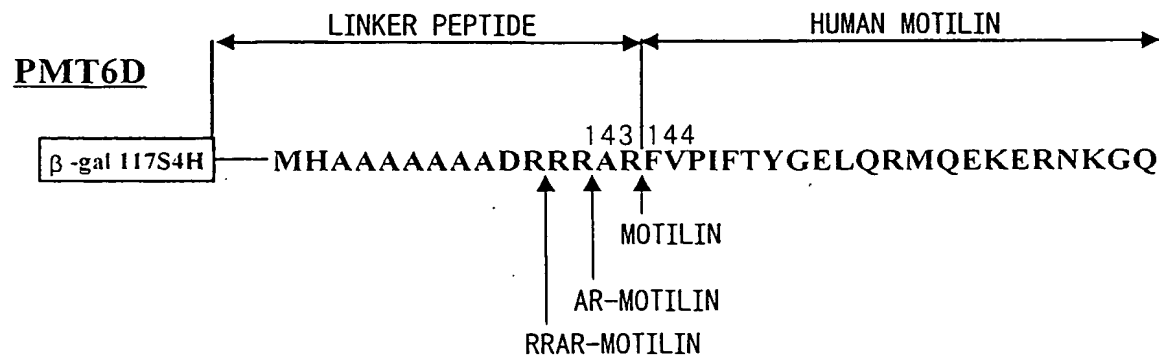
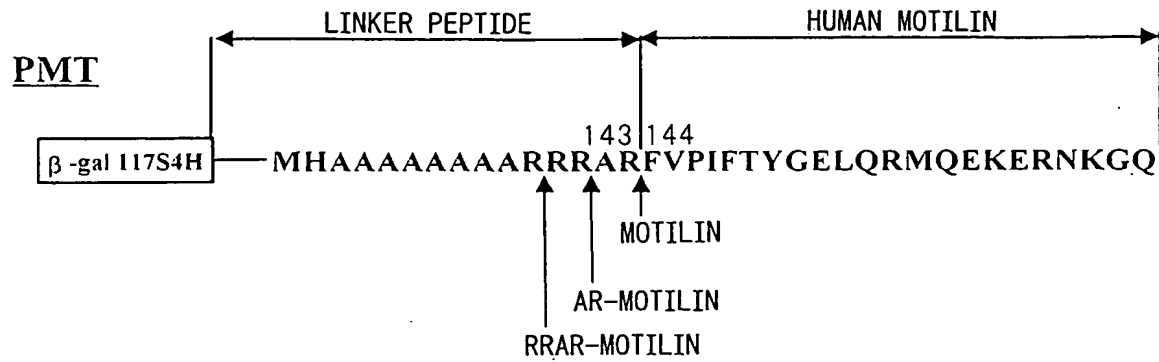


Fig.16

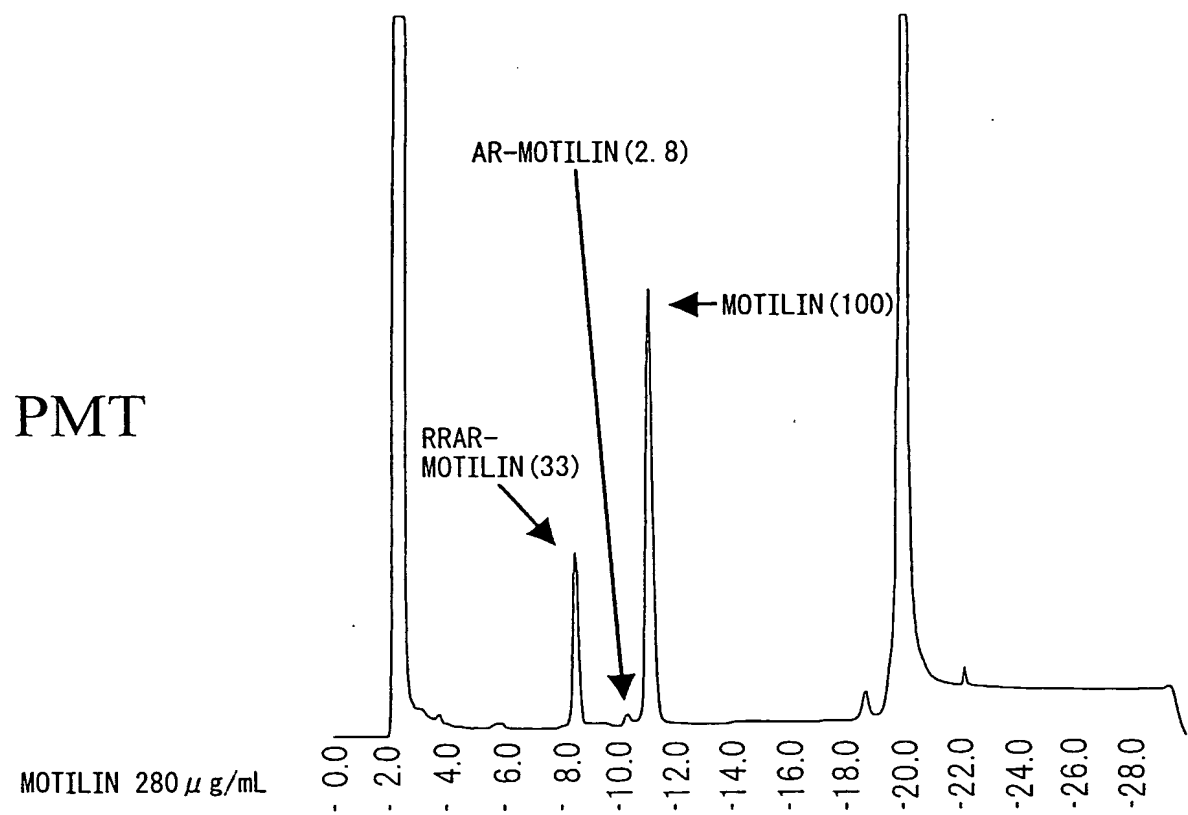


Fig.17

PMT6D

MOTILIN 250  $\mu$ g/mL

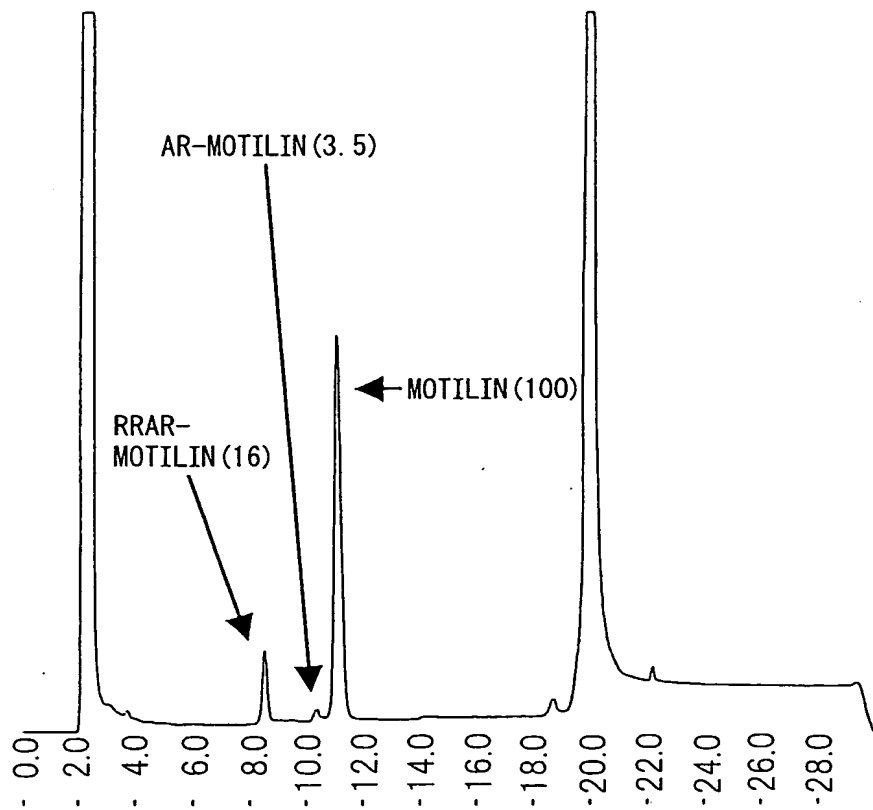




Fig.18

